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# Subject Index Volume 147

**Acoustic trauma**
Plasticity; Inner hair cell; Chinchilla; Inhibition; Inferior colliculus; Auditory cortex (Salvi, R.J. (147) 261)

**Altered central auditory representation**
Cochlear implant; Electrical stimulation; Auditory system development; Neonatal deafness; Plasticity (Leake, P.A. (147) 221)

**γ-Aminobutyric acid**
Inferior colliculus; Glutamic acid decarboxylase; Noise exposure; Rat (Milbrandt, J.C. (147) 251)

Superior olivary complex; Glycine; Neurotransmission; Dendrite (Sanes, D.H. (147) 46)

**AMPA**
NMDA; Kainate; Metabotropic; Endbulb; Fusiform cell (Petralia, R.S. (147) 59)

**AMPA preferring glutamate receptors**
Auditory system; Cochlear nucleus; Cartwheel cells; Octopus cells; Immunocytochemistry (Schwartz, I.R. (147) 70)

**Angularis**
Bird; Cochlear nucleus; Nucleus laminaris; Magnocellularis (Kubke, M.F. (147) 1)

**Auditory**
Nucleus magnocellularis; Gentamicin; Deafferentation; Avian (Durham, D. (147) 145)

**Auditory brain stem**
c-*fos*; Inferior colliculus; Plasticity; Cochlear implant; Electrical stimulation (Nagase, S. (147) 242)

**Auditory brainstem**
Plasticity; Nicotinic acetylcholine receptor; Development; Calcium; Synchronization (Morley, B.J. (147) 104)

Development; Ion channel; Transient $K^+$ channel; In situ hybridization; Reverse transcription polymerase chain reaction (Fitzakerley, J.L. (147) 31)

**Auditory cortex**
Plasticity; Cochlear lesion; Hearing loss; Tonotopicity; Frequency discrimination; Growth of loudness; Tinnitus (Irvine, D.R.F. (147) 188)

Plasticity; Inner hair cell; Acoustic trauma; Chinchilla; Inhibition; Inferior colliculus (Salvi, R.J. (147) 261)

**Auditory nerve**
Noise trauma; Ubiquitin ligase; UBE3B; Inferior colliculus (Lomax, M.I. (147) 293)

**Auditory plasticity**
Salicylate; GABA; GAD; Tinnitus; Inferior colliculus; Rat (Bauer, C.A. (147) 175)

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AMPA preferring glutamate receptors; Cochlear nucleus; Cartwheel cells; Octopus cells; Immunocytochemistry (Schwartz, I.R. (147) 70)

Plasticity; Brain slice; Lateral lemniscus; Inferior colliculus; *N*-Methyl-D-aspartate receptor; $GABA_B$ receptor (Zhang, Y. (147) 92)

**Auditory system development**
Cochlear implant; Electrical stimulation; Neonatal deafness; Altered central auditory representation; Plasticity (Leake, P.A. (147) 221)

**Avian**
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**Brain slice**
Auditory system; Plasticity; Lateral lemniscus; Inferior colliculus; *N*-Methyl-D-aspartate receptor; $GABA_B$ receptor (Zhang, Y. (147) 92)

**Calbindin D28k**
Ectopic Purkinje cell; Dorsal cochlear nucleus; Ventral cochlear nucleus; Neural plasticity; Central auditory pathway (Garcia, M.M. (147) 113)

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**Cartwheel cells**
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**Central auditory pathway**
Calbindin D28k; Ectopic Purkinje cell; Dorsal cochlear nucleus; Ventral cochlear nucleus; Neural plasticity (Garcia, M.M. (147) 113)

**c-*fos***
Inferior colliculus; Plasticity; Cochlear implant; Electrical stimulation; Auditory brain stem (Nagase, S. (147) 242)

**Chinchilla**
Plasticity; Inner hair cell; Acoustic trauma; Inhibition; Inferior colliculus; Auditory cortex (Salvi, R.J. (147) 261)

**Cochlear ablation**
Deafness; Inferior colliculus; Auditory plasticity (Mossop, J.E. (147) 183)

**Cochlear implant**
Electrical stimulation; Auditory system development; Neonatal deafness; Altered central auditory representation; Plasticity (Leake, P.A. (147) 221)

c-*fos*; Inferior colliculus; Plasticity; Electrical stimulation; Auditory brain stem (Nagase, S. (147) 242)

**Cochlear lesion**
Auditory cortex; Plasticity; Hearing loss; Tonotopicity; Frequency discrimination; Growth of loudness; Tinnitus (Irvine, D.R.F. (147) 188)

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AMPA preferring glutamate receptors; Auditory system; Cartwheel cells; Octopus cells; Immunocytochemistry (Schwartz, I.R. (147) 70)

Glutamate receptor; Calcium-permeable; Rapid desensitization; Nucleus magnocellularis (Parks, T.N. (147) 77)

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Plasticity; Glycine; Cochlear nucleus; Superior olive (Potashner, S.J. (147) 125)

Plasticity; Cochlear nucleus; *N*-Methyl, D-aspartate receptor; Gamma aminobutyric acid receptor; Glycine receptor; Glutamate receptor (Sato, K. (147) 137)

Cochlear ablation; Inferior colliculus; Auditory plasticity (Mossop, J.E. (147) 183)

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Hearing-loss induced plasticity; Inbred mouse; Progressive hearing loss (Willott, J.F. (147) 275)

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Auditory brainstem; Plasticity; Nicotinic acetylcholine receptor; Calcium; Synchronization (Morley, B.J. (147) 104)

Auditory brainstem; Ion channel; Transient $K^+$ channel; In situ hybridization; Reverse transcription polymerase chain reaction (Fitzakerley, J.L. (147) 31)

**Dorsal cochlear nucleus**
Calbindin D28k; Ectopic Purkinje cell; Ventral cochlear nucleus; Neural plasticity; Central auditory pathway (Garcia, M.M. (147) 113)

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**Electrical stimulation**
Cochlear implant; Auditory system development; Neonatal deafness; Altered central auditory representation; Plasticity (Leake, P.A. (147) 221)

c-*fos*; Inferior colliculus; Plasticity; Cochlear implant; Auditory brain stem (Nagase, S. (147) 242)

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Extracellular cisterna; Hearing; Postsynaptic density (Redd, E.E. (147) 160)

AMPA; NMDA; Kainate; Metabotropic; Fusiform cell (Petralia, R.S. (147) 59)

**Extracellular cisterna**
Endbulb; Hearing; Postsynaptic density (Redd, E.E. (147) 160)

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**Fusiform cell**
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**GABA**
Salicylate; Auditory plasticity; GAD; Tinnitus; Inferior colliculus; Rat (Bauer, C.A. (147) 175)

**$GABA_B$ receptor**
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Inferior colliculus; Noise exposure; Rat; γ-Aminobutyric acid (Milbrandt, J.C. (147) 251)

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c-*fos*; Plasticity; Cochlear implant; Electrical stimulation; Auditory brain stem (Nagase, S. (147) 242)

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**Ion channel**
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AMPA; NMDA; Metabotropic; Endbulb; Fusiform cell (Petralia, R.S. (147) 59)

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Auditory system; Plasticity; Brain slice; Inferior colliculus; *N*-Methyl-D-aspartate receptor; $GABA_B$ receptor (Zhang, Y. (147) 92)

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AMPA; NMDA; Kainate; Endbulb; Fusiform cell (Petralia, R.S. (147) 59)

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*N*-Methyl, D-aspartate receptor
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*N*-Methyl-D-aspartate receptor
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Inferior colliculus; Potassium channel; Kv2.1 (Richardson, F.C. (147) 21)

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**Tinnitus**
Salicylate; Auditory plasticity; GABA; GAD; Inferior colliculus; Rat (Bauer, C.A. (147) 175)

Auditory cortex; Plasticity; Cochlear lesion; Hearing loss; Tonotopicity; Frequency discrimination; Growth of loudness (Irvine, D.R.F. (147) 188)

**Tonotopic reorganization**
Plasticity; Inferior colliculus; Hearing loss; Cochlear lesion (Snyder, R.L. (147) 200)

**Tonotopicity**
Auditory cortex; Plasticity; Cochlear lesion; Hearing loss; Frequency discrimination; Growth of loudness; Tinnitus (Irvine, D.R.F. (147) 188)

**Transient $K^+$ channel**
Auditory brainstem; Development; Ion channel; In situ hybridization; Reverse transcription polymerase chain reaction (Fitzakerley, J.L. (147) 31)

**UBE3B**
Noise trauma; Ubiquitin ligase; Inferior colliculus; Auditory nerve (Lomax, M.I. (147) 293)

**Ubiquitin ligase**
Noise trauma; UBE3B; Inferior colliculus; Auditory nerve (Lomax, M.I. (147) 293)

**Ventral cochlear nucleus**
Calbindin D28k; Ectopic Purkinje cell; Dorsal cochlear nucleus; Neural plasticity; Central auditory pathway (Garcia, M.M. (147) 113)